Construction Materials Table 2
Lyman County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AaA:							
Agar	85	Good		Poor		Good	
				Low strength	0.00		
				Shrink-swell	0.87		
AaB:							
Agar	90	Good		Poor		Good	
				Low strength	0.00		
				Shrink-swell	0.87		
AaC:							
Agar	85	Good		Poor		Good	
				Low strength	0.00		
				Shrink-swell	0.87		
Bg:							
Bigbend	85	Fair		Good		Fair	
		Low content of organic matter	0.50			Sodium content	0.98
		Water erosion	0.90				
		Sodium content	0.97				
BuA:							
Bullcreek	85	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Sodium content	0.00	Low strength	0.00	Sodium content	0.00
		Low content of organic matter	0.12			Salinity	0.00
		Salinity	0.88				
		Water erosion	0.99				
BxA:							
Bullcreek	60	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Sodium content	0.00	Low strength	0.00	Sodium content	0.00
		Low content of organic matter	0.12			Salinity	0.00
		Salinity	0.88				
		Water erosion	0.99				
Slickspots, Dry	30	Not rated		Not rated		Not rated	

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CeA:							
Carter	85	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00	Salinity	0.88
		Water erosion	0.99				
ChB:							
Chantier	90	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.00	Shrink-swell	0.00	Depth to bedrock	0.00
		Depth to bedrock	0.00	Low strength	0.00	Salinity	0.00
		Salinity	0.88				
		Water erosion	0.99				
FaA:							
Fairlo	85	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Too Clayey	0.83
		Water erosion	0.90	Shrink-swell	0.00		
		Too clayey	0.99				
FaB:							
Fairlo	90	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Too Clayey	0.83
		Water erosion	0.90	Shrink-swell	0.00		
		Too clayey	0.99				
Fp:							
Norway	90	Poor		Poor		Poor	
		Wind erosion	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too sandy	0.11			Too sandy	0.11
		Low content of organic matter	0.12				
		Droughty	0.98				
Hm:							
Hilmoe	90	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.02	Too Clayey	0.00
		Low content of organic matter	0.12				
		Water erosion	0.99				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ho:							
Hoven	90	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Sodium content	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Low strength	0.00	Sodium content	0.00
		Salinity	0.88			Salinity	0.00
		Water erosion	0.99				
HrA:							
Capa	85	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Sodium content	0.00	Low strength	0.00	Sodium content	0.00
		Low content of organic matter	0.12			Salinity	0.00
		Salinity	0.88				
		Water erosion	0.99				
In:							
Inavale	90	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Wind erosion	0.00				
		Low content of organic matter	0.12				
		Droughty	0.91				
Ko:							
Kolls	90	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Water erosion	0.99	Low strength	0.00	Depth to saturated zone	0.00
				Depth to saturated zone	0.00		
Kp:							
Kolls	90	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
		Water erosion	0.99	Shrink-swell	0.00	Depth to saturated zone	0.00
				Low strength	0.00		

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
LaB:							
Lakoma	95	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.00	Low strength	0.00	Depth to bedrock	0.58
		Depth to bedrock	0.58	Shrink-swell	0.00	Carbonate content	0.80
		Carbonate content	0.80				
		Water erosion	0.99				
LaC:							
Lakoma	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.00	Low strength	0.00	Depth to bedrock	0.58
		Depth to bedrock	0.58	Shrink-swell	0.00	Carbonate content	0.80
		Carbonate content	0.80				
		Water erosion	0.99				
LbD:							
Lakoma	50	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.00	Low strength	0.00	Slope	0.37
		Depth to bedrock	0.58	Shrink-swell	0.00	Depth to bedrock	0.58
		Carbonate content	0.80			Carbonate content	0.80
		Water erosion	0.99				
Okaton	35	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.00	Shrink-swell	0.09	Depth to bedrock	0.00
		Depth to bedrock	0.00			Slope	0.63
		Water erosion	0.99				
LcE:							
Lakoma	45	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.00	Low strength	0.00	Slope	0.00
		Depth to bedrock	0.58	Shrink-swell	0.00	Depth to bedrock	0.58
		Carbonate content	0.80	Slope	0.50	Carbonate content	0.80
		Water erosion	0.99				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Okaton----------	35	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.00	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.00	Shrink-swell	0.09	Depth to bedrock	0.00
		Low content of organic matter	0.12			Slope	0.00
		Cobble content	0.86				
		Water erosion	0.99				
LoA:							
Lowry----------	90	Fair		Fair		Good	
		Low content of organic matter	0.50	Low strength	0.22		
		Water erosion	0.90				
LoB:							
Lowry----------	90	Fair		Fair		Good	
		Low content of organic matter	0.50	Low strength	0.22		
		Water erosion	0.90				
LoC:							
Lowry----------	95	Fair		Fair		Good	
		Low content of organic matter	0.50	Low strength	0.22		
		Water erosion	0.90				
LrD:							
Lowry----------	50	Fair		Fair		Fair	
		Low content of organic matter	0.50	Low strength	0.22	Slope	0.37
		Water erosion	0.90				
Sully----------	40	Fair		Fair		Poor	
		Low content of organic matter	0.50	Low strength	0.22	Slope	0.00
		Water erosion	0.90	Slope	0.92		
M-W:							
Miscellaneous Water-	100	Not rated		Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
McA:							
Mcclure	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.00		
		Water erosion	0.99				
McB:							
Mcclure	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.00		
		Water erosion	0.99				
McC:							
Mcclure	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.00		
		Water erosion	0.99				
MlA:							
Millboro	85	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.99				
MlB:							
Millboro	90	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.99				
MlC:							
Millboro	90	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.99				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MmA:							
Millboro	90	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.99				
MmB:							
Millboro	90	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.99				
MnB:							
Millboro	50	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.99				
Boro	40	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Low strength	0.00		
		Water erosion	0.99				
MnC:							
Millboro	45	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.99				
Boro	40	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Low strength	0.00		
		Water erosion	0.99				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Mp:							
Mobridge	90	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Too Clayey	0.97
		Water erosion	0.90	Shrink-swell	0.89		
		Too clayey	0.98				
Mr:							
Munjor	85	Fair		Good		Fair	
		Low content of organic matter	0.12			Carbonate content	0.92
		Carbonate content	0.92				
Mv:							
Munjor	65	Fair		Good		Fair	
		Low content of organic matter	0.12			Carbonate content	0.92
		Carbonate content	0.92				
Inavale	25	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Wind erosion	0.00				
		Low content of organic matter	0.12				
		Droughty	0.91				
OhE:							
Okaton	55	Poor		Not Rated		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.00	Slope	0.00	Too Clayey	0.00
		Depth to bedrock	0.00	Shrink-swell	0.09	Depth to bedrock	0.00
		Water erosion	0.99				
Lakoma	30	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.00	Low strength	0.00	Too Clayey	0.00
		Depth to bedrock	0.58	Shrink-swell	0.00	Depth to bedrock	0.58
		Carbonate content	0.80	Slope	0.08	Carbonate content	0.80
		Water erosion	0.99				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ok:							
Onita	85	Fair		Poor		Good	
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.90	Shrink-swell	0.76		
OlA:							
Opal	90	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.03	Shrink-swell	0.00	Depth to bedrock	0.58
		Depth to bedrock	0.58	Low strength	0.00		
		Water erosion	0.99				
OlB:							
Opal	90	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.03	Shrink-swell	0.00	Depth to bedrock	0.58
		Depth to bedrock	0.58	Low strength	0.00		
		Water erosion	0.99				
OlC:							
Opal	90	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.03	Shrink-swell	0.00	Depth to bedrock	0.58
		Depth to bedrock	0.58	Low strength	0.00		
		Water erosion	0.99				
OmC:							
Opal	50	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.03	Shrink-swell	0.00	Depth to bedrock	0.58
		Depth to bedrock	0.58	Low strength	0.00		
		Water erosion	0.99				
Chantier	35	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.00	Shrink-swell	0.00	Depth to bedrock	0.00
		Depth to bedrock	0.00	Low strength	0.00	Salinity	0.00
		Salinity	0.88				
		Water erosion	0.99				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
OnD:							
Opal	60	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.03	Shrink-swell	0.00	Depth to bedrock	0.58
		Depth to bedrock	0.58	Low strength	0.00	Slope	0.63
		Water erosion	0.99				
Sansarc	25	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.00	Shrink-swell	0.00	Depth to bedrock	0.00
		Depth to bedrock	0.00	Low strength	0.00	Slope	0.63
		Low content of organic matter	0.60				
		Water erosion	0.99				
Or:							
Orthents, Loamy	80	Not rated		Not rated		Not rated	
OrB:							
Orton	90	Fair		Good		Poor	
		Low content of organic matter	0.50			Hard to reclaim	0.00
OtA:							
Orton Variant	90	Fair		Good		Good	
		Low content of organic matter	0.50				
OvB:							
Orton Variant	55	Fair		Good		Good	
		Low content of organic matter	0.50				
Valentine	30	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Wind erosion	0.00				
		Low content of organic matter	0.12				
		Droughty	0.71				
Pg:							
Orthents, Gravelly	99	Not rated		Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
PoA:							
Promise	90	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.99				
PoB:							
Promise	90	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.99				
PoC:							
Promise	90	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.99				
PrA:							
Promise	60	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.12	Low strength	0.00		
		Water erosion	0.99				
Capa	30	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Sodium content	0.00	Low strength	0.00	Sodium content	0.00
		Low content of organic matter	0.12			Salinity	0.00
		Salinity	0.88				
		Water erosion	0.99				
ReB:							
Ree	90	Fair		Good		Fair	
		Low content of organic matter	0.12			Too Clayey	0.81
		Too clayey	0.98				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ReC:							
Ree	90	Fair		Fair		Fair	
		Low content of organic matter	0.12	Shrink-swell	0.87	Too Clayey	0.81
		Too clayey	0.98				
RlA:							
Reliance	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.66		
		Water erosion	0.90				
RlB:							
Reliance	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.66		
		Water erosion	0.90				
RlC:							
Reliance	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.66		
		Water erosion	0.90				
RsE:							
Rock Outcrop, Soft	65	Not rated		Not rated		Not rated	
Sansarc	20	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Depth to bedrock	0.00	Low strength	0.00	Depth to bedrock	0.00
		Low content of organic matter	0.60	Slope	0.00		
		Water erosion	0.99				

Construction Materials Table 2
Lyman County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SaE:							
Sansarc	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Depth to bedrock	0.00	Low strength	0.00	Depth to bedrock	0.00
		Low content of organic matter	0.60	Slope	0.00		
		Water erosion	0.99				
SbE:							
Sansarc	50	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Depth to bedrock	0.00	Low strength	0.00	Depth to bedrock	0.00
		Low content of organic matter	0.60	Slope	0.00		
		Water erosion	0.99				
Opal	40	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.03	Shrink-swell	0.00	Slope	0.00
		Depth to bedrock	0.58	Low strength	0.00	Depth to bedrock	0.58
		Water erosion	0.99	Slope	0.92		
ScE:							
Sansarc	50	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Depth to bedrock	0.00	Low strength	0.00	Depth to bedrock	0.00
		Low content of organic matter	0.60	Slope	0.00		
		Water erosion	0.99				
Rock Outcrop, Soft	35	Not rated		Not rated		Not rated	
SeE:							
Sansarc	50	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Depth to bedrock	0.00	Low strength	0.00	Depth to bedrock	0.00
		Low content of organic matter	0.60	Slope	0.00		
		Water erosion	0.99				

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Lyman County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Schamber	30	Poor		Poor		Poor	
		Too sandy	0.00	Slope	0.00	Slope	0.00
		Droughty	0.10			Hard to reclaim	0.00
		Low content of organic matter	0.50			Rock fragments	0.00
						Too sandy	0.00
ShE:							
Schamber	85	Poor		Poor		Poor	
		Too sandy	0.00	Slope	0.00	Slope	0.00
		Droughty	0.10			Hard to reclaim	0.00
		Low content of organic matter	0.50			Rock fragments	0.00
						Too sandy	0.00
SlE:							
Sully	90	Fair		Poor		Poor	
		Low content of organic matter	0.50	Slope	0.00	Slope	0.00
		Water erosion	0.90	Low strength	0.22		
VaD:							
Valentine	85	Poor		Fair		Poor	
		Too sandy	0.00	Slope	0.98	Too sandy	0.00
		Wind erosion	0.00			Slope	0.00
		Low content of organic matter	0.12				
		Droughty	0.71				
W:							
Water	100	Not rated		Not rated		Not rated	
Wd:							
Wendte	85	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Water erosion	0.99	Low strength	0.00		
Wt:							
Witten	85	Poor		Poor		Poor	
		Too clayey	0.00	Shrink-swell	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Low strength	0.00		
		Water erosion	0.99				

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value